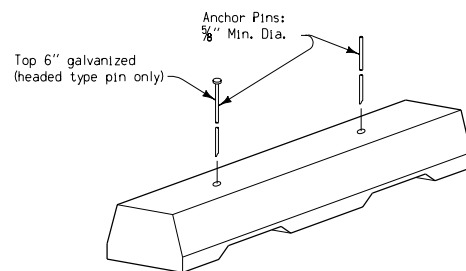
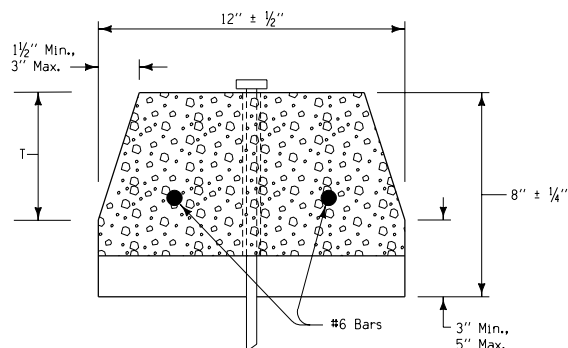


SIDE VIEW



ISOMETRIC VIEW

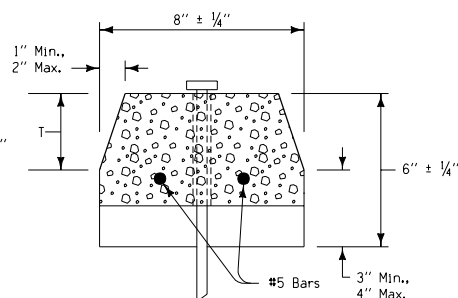
Either Headed or Non-Headed type Anchor Pin may be used.



(TYPE 1)

SECTION A-A

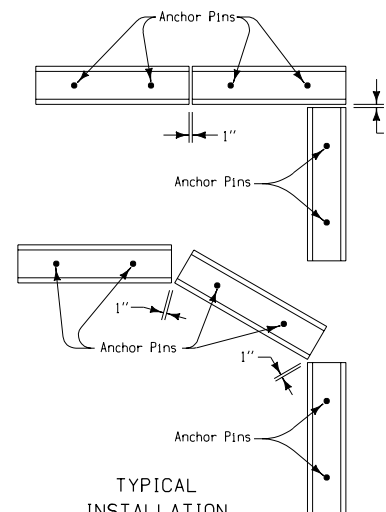
The Type 1 Precast Concrete Curb should be used for installations where the most severe type of service is anticipated.



(TYPE 2)

SECTION A-A

The Type 2 Precast Concrete Curb should be used for installations where normal type of service is anticipated.



TYPICAL  
INSTALLATION  
PLAN  
(PRECAST CONCRETE CURBS)

#### GENERAL NOTES:

Details indicated hereon are typical only. Alternate designs may be submitted to the Engineer for approval. Any alternate design approved for use on construction shall conform to the minimum requirements as shown. Refer to additional portions of the project plans for complete data as to installation, location, etc.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.

Length of curb unit may be any convenient length for handling and installation with the various dimensions appropriate to the size of the unit.

Any precast concrete curb unit measuring longer than 6'-0" will require 3 anchor pins to hold curb in position.

Anchor pins may be either one of two types, as shown on drawings. Anchor pins that are not bedded in mortar shall have the top 6" (minimum) galvanized.

Reinforcing steel used in precast concrete curb units shall have a minimum 2" clearance to the concrete surfaces.

Price bid per linear foot of Precast Concrete Curb, Type 1 or Type 2, shall be considered full compensation for furnishing and installing Precast Concrete Curb as indicated hereon and as shown elsewhere in detail project plans.

#### ① Special Note:

Minimum embedment for driven anchor pins shall be 24". Where curb is to be installed in a location impractical to accommodate driven anchor pins, alternate methods of placement may be considered as follows:

1) An epoxy resin glue of a type and manufacture approved by the Engineer may be used. The glue shall be prepared according to the manufacturer's directions and applied to the portion of the curb to be in contact with the pavement face. Surfaces to come in contact with glue shall be prepared as directed by the Engineer, and placement of glued surfaces shall be done as directed by the Engineer.

2) A minimum of 2 holes (3 holes on units measuring more than 6'-0" long) shall be drilled in the pavement surface a minimum of 6" deep to accommodate anchor pins. The holes shall be at least the diameter of the anchor pins plus 1". The anchor pin shall be embedded with non-shrink mortar grout in the drilled hole.

3) Any other method may be submitted to the Engineer for consideration. Approval of any alternate method must be received before installation is begun. The completed installation shall be subject to the approval of the Engineer.

 **Iowa Department of Transportation**  
Project Development Division

**STANDARD ROAD PLAN**

**RB-5**

REVISION: Redrawn in CAD.

REVISION NO.

3

REVISION DATE

09-21-99

APPROVED BY:  05-24-99  
DESIGN METHODS ENGINEER

PRECAST CONCRETE CURB